

Applicant: KIKUCHI *et al.*
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Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in this application.

1. (Currently Amended): An information recording apparatus comprising:

an input unit configured to input data;
a detection unit configured to detect audio attribute information from input data input by the input unit; and

a recording unit configured to record audio information and the audio attribute information contained in the input data in a predetermined format,

wherein the detection unit detects, on the basis of a master clock, a length of a first half period of an LR clock contained in the input data and a length of a second half period which follows the first half period, compares the lengths of the first and second half periods to check the difference in the lengths of the first and second half periods, and detects information associated with a sampling frequency corresponding to the audio attribute information on the basis of the difference in the lengths of the first half period and the second half period.

2. (Original): An apparatus according to claim 1, wherein the predetermined format contains a management file and an audio file,

the management file contains the audio attribute information, and
the audio file contains the audio information.

3. (Original): An apparatus according to claim 1, wherein the predetermined format contains a management file and an audio file,

the management file contains stream information,
the stream information contains the audio attribute information, and
the audio file contains the audio information.

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4. (Original): An apparatus according to claim 1, wherein the predetermined format contains a management file and an audio file,

the management file contains management information,

the audio file contains a pack as a data transfer processing unit, and

the pack contains the audio attribute information and the audio information.

5. – 8. (Cancelled).

9. (Currently Amended): An information recording method comprising:

detecting audio attribute information from input data; and

recording audio information and the audio attribute information contained in the input data in a predetermined format,

wherein a length of a first half period of an LR clock contained in the input data and a length of a second half period which follows the first half period are detected on the basis of a master clock, the lengths of the first and second half periods are compared with each other to check the difference in the lengths of the first and second half periods, and information associated with a sampling frequency corresponding to the audio attribute information is detected on the basis of the difference in the lengths of the first half period and the second half period.

10. (Original): A method according to claim 9, wherein the predetermined format contains a management file and an audio file,

the management file contains the audio attribute information, and

the audio file contains the audio information.

11. (Original): A method according to claim 9, wherein the predetermined format contains a management file and an audio file,

the management file contains stream information,

the stream information contains the audio attribute information, and

the audio file contains the audio information.

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12. (Original): A method according to claim 9, wherein the predetermined format contains a management file and an audio file,

the management file contains management information,

the audio file contains a pack as a data transfer processing unit, and

the pack contains the audio attribute information and the audio information.

13. – 16. (Cancelled).